Title (en)

Fluid transfer device and method of use

Title (de)

Vorrichtung zum Flüssigkeitstransfer sowie Anwendungsverfahren

Title (fr)

Dispositif de transfert de liquides et procédé d'utilisation

Publication

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Application

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Priority

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Abstract (en)

A fluid transfer device comprising a hollow piercing element having a first end for receiving a standard syringe nose or other similar medical device and a second end having a tapered tip for accessing fluid inside a medication container is disclosed. In a preferred embodiment, the device has a disk-shaped stop for limiting entry of the piercing element into the vial. Preferably, the piercing element includes outwardly extending barbs which allow the device to be inserted into a vial but which prevent the device from being removed from the vial after insertion. After the syringe is disengaged from the device, the device and spent medication vial may be discarded as a unit. Alternatively, the device can remain attached to the vial, and a new syringe can be used to withdraw additional fluid from the vial when desired. In an alternate embodiment, a reusable, resealable valve is connected to the first end of the piercing element, which valve allows multiple syringes to be used with the piercing element. Various adaptors for using the device with intravascular (IV) lines and drip-bags are also disclosed. <IMAGE>

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